

ABSTRACT

PURPOSE: To record and reproduce image data only by other normal drive devices until a drive device which is faulty or in a bad condition is repaired by providing a table for controlling plural drive devices.

CONSTITUTION: If the 2nd drive device 33b among four drive devices 33a-33d gets out of order, the drive use state flag 36b of the 2nd drive device in the drive state information table 35 is set to a 'disabled' state and it is recognized that the drive device 33b is unusable. Consequently, an optical disk library device 17 does not use the 2nd drive device 33b, but accesses the 1st, 3rd, and 4th drive devices 33a, 33c, and 33d. Thus, the drive use state flags 36a-36d in the drive state information table are set to 'enabled' (showing that the drive device is usable) or 'disabled' (indicating that the drive device can not be used) to perform access control over the drive devices 33a-33d.

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PICTURE RECORDER FOR OPTICAL DISK

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ABSTRACT

PURPOSE: To record a picture with precision higher than the standards onto an optical disk whose picture element number is in compliance with the standards.

CONSTITUTION: The number of CCD arrays for a CCD line sensor of a scanner is 4096 being twice of 2048 which is a standard picture element number, a negative film is scanned by using the scanner and converted into picture information with the picture element number shown in A in Figure and stored. A work station is used to divide the picture into a picture having a picture element number as B, C in Figure and they are recorded on an optical disk respectively to be pictures each. A highly precise picture with the number of picture elements over the standards is obtained by synthesizing the plural pictures recorded on the optical disk whose picture element number is within the standards. Thus, this means that the picture with high precision is recorded substantially onto the optical disk.

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MEDICAL DATA STORING SYSTEM

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ABSTRACT